IN THE SPECIFICATION

Please amend the paragraph beginning at page 46, line 28 to page 47, line 4, as follows:

In the configuration so that the distance between the container 34 and the exit aperture plate 25, 26 or 27 is set to approximately zero, or in the configuration such as the cylindrical container 34 can [[path]] pass through the inner wall of the cylindrical aperture plate 24, the inner diameter of the cylindrical aperture plate 24 is slightly larger than the outer diameter of the container 34, so at least part of the loop antennas 31 and/ or 32 can be inserted in the entrance aperture and/ or the exit aperture provided in the wall of the cylindrical aperture plate 24 as shown in FIGS. 14A, 14B and 14C.

Please amend the paragraph at page 47, lines 20-30, as follows:

The identification of the absolute position of the hidden interface is not limited to a liner linear measurement, or one-dimensional measurement, but an area measurement scanning over a two-dimensional plane can be employed, using a two-dimensional antenna array. For example, a hidden crack formed in a mortal wall can be detected by scanning two-dimensionally with a radiation of sub millimeter wave or terahertz waves. The detection of the hidden crack in the mortal wall corresponds to a case that mortal, air, and mortal are assigned respectively as the first, second and third materials 41, 42 and 43, in the second embodiment. The area scanning of the radiation of sub-millimeter wave or terahertz waves can detect the inner hidden crack deeply lying in the mortal wall.